

Author Index

- Adler, J.E., see Lu, B., 359
Akitaya, T., see Mitsuhashi, M., 177
Angulo, J.A., Coirini, H., Ledoux, M. and Schumacher, M., Regulation by dopaminergic neurotransmission of dopamine D₂ mRNA and receptor levels in the striatum and nucleus accumbens of the rat, 1
Angulo, J.A., Printz, D., Ledoux, M. and McEwen, B.S., Isolation stress increases tyrosine hydroxylase mRNA in the locus coeruleus and midbrain and decreases proenkephalin mRNA in the striatum and nucleus accumbens, 301
Araki, T., see Zhang, J.-H., 239
Atkinson, B.G., see Teskey, G.C., 1
Badoyannis, H.C., Sharma, S.C. and Sabban, E.L., The differential effects of cell density and NGF on the expression of tyrosine hydroxylase and dopamine β -hydroxylase in PC12 cells, 79
Baker, H.J., see Claro, E., 265
Batter, D.K. and Kessler, J.A., Region-specific regulation of preproenkephalin mRNA in cultured astrocytes, 65
Becker, C.-M., Seitanidou, T. and Triller, A., Conservation of antigenic epitopes of the inhibitory glycine receptor in rodent and goldfish CNS, 327
Berens, M.E., see Deschepper, C.F., 355
Berg, L., see Burke, W.J., 37
Bierer, L., see Perez, N., 249
Bigornia, V., see Deschepper, C.F., 355
Bing, G., Filer, D., Miller, J.C. and Stone, E.A., Noradrenergic activation of immediate early genes in rat cerebral cortex, 43
Black, I.B., see Lu, B., 359
Blaugrund, E., see Cohen, I., 181
Bloem, L.J., see Yu, L., 143
Bogerd, J., Geraerts, W.P.M., Van Heerikhuizen, H., Kerkhoven, R.M. and Joosse, J., Characterization and evolutionary aspects of a transcript encoding a neuropeptide precursor of *Lymnaea* neurons, VD1 and RPD2, 47
Brown, R.M., see Streamson Jr., C.C., 291
Buchwald, N.A., see Cohen, R.W., 27
Burke, W.J., O'Malley, K.L., Chung, H.D., Harmon, S.K., Miller, J.P. and Berg, L., Effect of pre- and postmortem variables on specific mRNA levels in human brain, 37
Buzzi, M.G., see Uhl, G.R., 133
Cain, C.J., see Clark, M., 55
Cain, D.P., see Teskey, G.C., 1
Campagnoni, A.T., see Cohen, R.W., 27
Carroll, P.D., see Howland, D.S., 345
Chao, M.V., see Gibbs, R.B., 207
Charya, S., see Perez, N., 249
Chung, H.D., see Burke, W.J., 37
Clark, M., Post, R.M., Weiss, S.R.B., Cain, C.J. and Nakajima, T., Regional expression of *c-fos* mRNA in rat brain during the evolution of amygdala kindled seizures, 55
Claro, E., Wallace, M.A., Fain, J.N., Nair, B.G., Patel, T.B., Shanker, G. and Baker, H.J., Altered phosphoinositide-specific phospholipase C and adenylyl cyclase in brain cortical membranes of cats with GM₁ and GM₂ gangliosidosis, 265
Cohen, I., Shani, Y., Blaugrund, E. and Schwartz, M., Isolation and sequence analysis of two intermediate filament cDNA clones from fish optic nerve, 181
Cohen, R.W., Fisher, R.S., Duong, T., Handley, V.W., Campagnoni, A.T., Hull, C.D., Buchwald, N.A. and Levine, M.S., Altered excitatory amino acid function and morphology of the cerebellum of the spastic Han-Wistar rat, 27
Coirini, H., see Angulo, J.A., 1
Coombs, D.W., see DeLeo, J.A., 167
Covault, J., Liu, Q.-y. and El-Deeb, S., Calcium-activated proteolysis of intracellular domains in the cell adhesion molecules NCAM and N-cadherin, 11
Davidson, N., see Yu, L., 143
DeGennaro, L.J., see Howland, D.S., 345
DeLeo, J.A., Coombs, D.W. and McCarthy, L.E., Differential *c-fos*-like protein expression in mechanically versus chemically induced visceral nociception, 167
Deschepper, C.F., Bigornia, V., Berens, M.E. and Lapointe, M.C., Production of thrombin and antithrombin III by brain and astroglial cell cultures, 355
Dingledine, R., see Kleckner, N.W., 1
Dionne, C.A., see Powell, P.P., 71
Donnelly-Roberts, D.L. and Lentz, T.L., Structural and conformational similarity between synthetic peptides of curare-mimetic neurotoxins and rabies virus glycoprotein, 107
Dreyfus, C.F., see Lu, B., 359
Duong, T., see Cohen, R.W., 27
D'Mello, S.R. and Heinrich, G., Structural and functional identification of regulatory regions and cis elements surrounding the nerve growth factor gene promoter, 255
Eastham, H., see Whiting, P., 1
Eckermann, C.E., see Toews, A.D., 321
El-Deeb, S., see Covault, J., 11
Elferink, L.A., see Volkandt, W., 283
Elliott, R., see Lu, B., 359
Estes, P.S., see Howland, D.S., 345
Fain, J.N., see Claro, E., 265
Federoff, H.J., see Lustig, R.H., 125
Filer, D., see Bing, G., 43
Finch, C.E., see Poirier, J., 97
Finklestein, S.P., see Powell, P.P., 71
Fisher, R.S., see Cohen, R.W., 27
Gehle, V.M. and Sumikawa, K., Site-directed mutagenesis of the conserved N-glycosylation site on the nicotinic acetylcholine receptor subunits, 17
Geraerts, W.P.M., see Bogerd, J., 47
Gibbs, R.B., Chao, M.V. and Pfaff, D.W., Effects of fimbria-fornix and angular bundle transection on expression of the p75^{NGFR} mRNA by cells in the medial septum and diagonal band of Broca: correlations with cell survival, synaptic reorganization and sprouting, 207
Gong, Q., see Huang, Z., 309
Handley, V.W., see Cohen, R.W., 27
Harmon, S.K., see Burke, W.J., 37
Haroutunian, V., see Perez, N., 249
Heavens, R.P., see Matthews, S.G., 171
Hein, S., see Nualart, F., 227
Heinrich, G., see D'Mello, S.R., 255
Hemmendinger, L.M., see Howland, D.S., 345
Hennessey, K.L., see Streamson Jr., C.C., 291
Hess, M., see Poirier, J., 97
Hirsch, J., see Streamson Jr., C.C., 291
Hoffman, B.J., see Yu, L., 143
Hosford, D.A., see Simonato, M., 115
Howland, D.S., Hemmendinger, L.M., Carroll, P.D., Estes, P.S., Melloni Jr., R.H. and DeGennaro, L.J., Positive- and negative-acting promoter sequences regulate cell type-specific expression of the rat synapsin I gene, 345
Huang, Z., Thewke, D., Gong, Q., Schlichter, D. and Wicks, W.D., Functional recognition of the neuronal tyrosine hydroxylase cAMP regulatory element in different cell types, 309
Hull, C.D., see Cohen, R.W., 27
Jaye, M., see Powell, P.P., 71
Johnson, G., see Perez, N., 249
Joosse, J., see Bogerd, J., 47
Kerkhoven, R.M., see Bogerd, J., 47
Kessler, J.A., see Batter, D.K., 65
Kim, J., see Streamson Jr., C.C., 291
Klagsbrun, M., see Powell, P.P., 71
Kleckner, N.W. and Dingledine, R., Regulation of hippocampal NMDA receptors by magnesium and glycine during development, 1
Kozak, C.A., see Yu, L., 143
Kubo, T., see Saika, T., 187
Labiner, D.M., see Simonato, M., 115
Lapointe, M.C., see Deschepper, C.F., 355
Le, H., see Yu, L., 143
Ledoux, M., see Angulo, J.A., 1

- Ledoux, M., see Angulo, J.A., 301
 Lee, S.Y., see Toews, A.D., 321
 Lee, J.-M., see Lu, B., 359
 Leibel, R.L., see Streamson Jr., C.C., 291
 Lentz, T.L., see Donnelly-Roberts, D.L., 107
 Lester, H.A., see Yu, L., 143
 Levine, M.S., see Cohen, R.W., 27
 Liu, Q.-y., see Covault, J., 11
 Loh, Y.P., see Wong, M., 197
 Lu, B., Lee, J.-M., Elliott, R., Dreyfus, C.F., Adler, J.E. and Black, I.B., Regulation of NGF gene expression in CNS glia by cell-cell contact, 359
 Lübbert, H., see Yu, L., 143
 Lustig, R.H., Sudol, M., Pfaff, D.W. and Federoff, H.J., Estrogenic regulation and sex dimorphism of growth-associated protein 43 kDa (GAP-43) messenger RNA in the rat, 125
 Mansbach, H.M., see Simoinato, M., 115
 Maren, S., see Schreiber, S.S., 89
 Maroteaux, L. and Scheller, R.H., The rat brain synucleins; family of proteins transiently associated with neuronal membrane, 335
 Matsunaga, T., see Saika, T., 187
 Matthews, S.G., Heavens, R.P. and Sirinathsingji, D.J.S., Cellular localization of corticotropin releasing factor mRNA in the ovine brain, 171
 May, P.C., see Poirier, J., 97
 McCarthy, L.E., see DeLeo, J.A., 167
 McEwen, B.S., see Angulo, J.A., 301
 McNamara, J.O., see Simoinato, M., 115
 Melloni Jr., R.H., see Howland, D.S., 345
 Merrill, C., see Perez, N., 249
 Miller, J.C., see Bing, G., 43
 Miller, J.P., see Burke, W.J., 37
 Mitsuhashi, M., Akitaya, T., Turk, C.W. and Payan, D.G., Amyloid β protein substituent peptides do not interact with the substance P receptor expressed in cultured cells, 177
 Morell, P., see Toews, A.D., 321
 Moskowitz, M.A., see Uhl, G.R., 133
 Mozley, L., see Whiting, P., 1
 Nadi, N.S., see Shinoda, H., 221
 Nair, B.G., see Claro, E., 265
 Nakajima, T., see Clark, M., 55
 Nava, S., see Whiting, P., 1
 Nguyen, H., see Yu, L., 143
 Nishimori, T., see Uhl, G.R., 133
 Noguchi, K., see Saika, T., 187
 Nualart, F., Hein, S., Rodríguez, E.M. and Oksche, A., Identification and partial characterization of the secretory glycoproteins of the bovine subcommissural organ-Reissner's fiber complex. Evidence for the existence of two precursor forms, 227
 Oksche, A., see Nualart, F., 227
 O'Malley, K.L., see Burke, W.J., 37
 Patel, T.B., see Claro, E., 265
 Payan, D.G., see Mitsuhashi, M., 177
 Perez, N., Sugar, J., Charya, S., Johnson, G., Merrill, C., Bierer, L., Perl, D., Haroutunian, V. and Wallace, W., Increased synthesis and accumulation of heat shock 70 proteins in Alzheimer's disease, 249
 Perl, D., see Perez, N., 249
 Pevsner, J., see Volkand, W., 283
 Pfaff, D.W., see Gibbs, R.B., 207
 Pfaff, D.W., see Lustig, R.H., 125
 Poat, J., see Whiting, P., 1
 Poirier, J., Hess, M., May, P.C. and Finch, C.E., Astrocytic apolipoprotein E mRNA and GFAP mRNA in hippocampus after entorhinal cortex lesioning, 97
 Post, R.M., see Clark, M., 55
 Powell, P.P., Finklestein, S.P., Dionne, C.A., Jaye, M. and Klagsbrun, M., Temporal, differential and regional expression of mRNA for basic fibroblast growth factor in the developing and adult rat brain, 71
 Printz, D., see Angulo, J.A., 301
 Rius, R.A., see Wong, M., 197
 Roberson, M.D., see Toews, A.D., 321
 Rodríguez, E.M., see Nualart, F., 227
 Sabban, E.L., see Badoyannis, H.C., 79
 Saika, T., Senba, E., Noguchi, K., Sato, M., Kubo, T., Matsunaga, T. and Tohyama, M., Changes in expression of peptides in rat facial motoneurons after facial nerve crushing and resection, 187
 Sato, M., see Saika, T., 187
 Sato, M., see Zhang, J.-H., 239
 Scarth, B.A., see Shaw, C., 273
 Scheller, R.H., see Maroteaux, L., 335
 Scheller, R.H., see Volkand, W., 283
 Schilling, J., see Volkand, W., 283
 Schlichter, D., see Huang, Z., 309
 Schreiber, S.S., Maren, S., Tocco, G., Shors, T.J. and Thompson, R.F., A negative correlation between the induction of long-term potentiation and activation of immediate early genes, 89
 Schumacher, M., see Angulo, J.A., 1
 Schwartz, M., see Cohen, I., 181
 Schwartz, J.P., see Shinoda, H., 221
 Seitanidou, T., see Becker, C.-M., 327
 Senba, E., see Saika, T., 187
 Shani, Y., see Cohen, I., 181
 Shanker, G., see Claro, E., 265
 Sharma, S.C., see Badoyannis, H.C., 79
 Shaw, C. and Scarth, B.A., Characterization and differential regulation of GABA_A and benzodiazepine receptors in rat neocortex, 273
 Shin, C., see Simonato, M., 115
 Shinoda, H., Nadi, N.S. and Schwartz, J.P., Alterations in somatostatin and proenkephalin mRNA in response to a single amygdaloid stimulation versus kindling, 221
 Shors, T.J., see Schreiber, S.S., 89
 Simonato, M., Hosford, D.A., Labiner, D.M., Shin, C., Mansbach, H.M. and McNamara, J.O., Differential expression of immediate early genes in the hippocampus in the kindling model of epilepsy, 115
 Sirinathsingji, D.J.S., see Matthews, S.G., 171
 Snutch, T.P., see Yu, L., 143
 Stone, E.A., see Bing, G., 43
 Streamson C. Chua Jr., Andrew W. Brown, Jeehee Kim, Karen L. Hennessey, Rudolph L. Leibel and Hirsch, J., Food deprivation and hypothalamic neuropeptide gene expression: effects of strain background and the diabetes mutation, 291
 Sudol, M., see Lustig, R.H., 125
 Sugar, J., see Perez, N., 249
 Sumikawa, K., see Gehle, V.M., 17
 Teskey, G.C., Atkinson, B.G. and Cain, D.P., Expression of the proto-oncogene *c-fos* following electrical kindling in the rat, 1
 Thewke, D., see Huang, Z., 309
 Thompson, R.F., see Schreiber, S.S., 89
 Tocco, G., see Schreiber, S.S., 89
 Toews, A.D., Eckermann, C.E., Roberson, M.D., Lee, S.Y. and Morell, P., Primary demyelination induced by exposure to tellurium alters mRNA levels for nerve growth factor receptor, SCIP, 2',3'-cyclic nucleotide 3'-phosphodiesterase, and myelin proteolipid protein in rat sciatic nerve, 321
 Tohyama, M., see Saika, T., 187
 Tohyama, M., see Zhang, J.-H., 239
 Triller, A., see Becker, C.-M., 327
 Turk, C.W., see Mitsuhashi, M., 177
 Uhl, G.R., Walther, D., Nishimori, T., Buzzi, M.G. and Moskowitz, M.A., *Jun B*, *c-jun*, *jun D* and *c-fos* mRNAs in nucleus caudalis neurons: rapid selective enhancement by afferent stimulation, 133
 Van Heerikhuizen, H., see Bogerd, J., 47
 Volkand, W., Pevsner, J., Elferink, L.A., Schilling, J. and Scheller, R.H., A synaptic vesicle specific GTP-binding protein from ray electric organ, 283
 Wallace, W., see Perez, N., 249
 Wallace, M.A., see Claro, E., 265
 Walther, D., see Uhl, G.R., 133
 Weiss, S.R.B., see Clark, M., 55
 Whiting, P., Nava, S., Mozley, L., Eastham, H. and Poat, J., Expression of angiotensin converting enzyme mRNA in rat brain, 1
 Wicks, W.D., see Huang, Z., 309
 Wong, M., Rius, R.A. and Loh, Y.P., Characterization of *Xenopus laevis* proenkephalin gene, 197
 Yu, L., Nguyen, H., Le, H., Bloem, L.J., Kozak, C.A., Hoffman, B.J., Snutch, T.P., Lester, H.A., Davidson, N., and Lübbert, H., The mouse 5-HT_{1C} receptor contains eight hydrophobic domains and is X-linked, 143
 Zhang, J.-H., Araki, T., Sato, M. and Tohyama, M., Distribution of GABA_A-receptor α_1 subunit gene expression in the rat forebrain, 239

